Contents

PRESIDENTIAL ADDRESS

The Family Business
Wayne Broehl 1

DISSERTATION SESSION

Testing the F-4 Phantom II: Engineering Practice in the Development of American Military Aircraft, 1954-1969
Glenn E. Bugos 13

The Economics of Multiple Governments: New Jersey Corporate Chartermongering 1875-1929
Christopher Grandy 19

United States Direct Investment in Japan: Studies in Government Policy and Corporate Strategy
Mark Mason 22

State Intervention and Industrialization: The Origins of the Brazilian Automotive Industry
Helen Shapiro 26

CONFERENCE PAPERS

The Development of Distribution Systems in Japan before World War II
Nobuo Kawabe 33

Rowntree and Market Strategy, 1897-1939
Robert Fitzgerald 45

From Commodity to Specialty Chemicals: Cellulose Products and Naval Stores at the Hercules Powder Company, 1919-1939
Davis Dyer and David B. Sicilia 59

Manufacturing Pharmaceuticals: Eli Lilly and Company, 1876-1948
James H. Madison 72

How to Succeed in Business: Lessons from the Struggle Between Ford and General Motors during the 1920s and 1930s
Anthony Patrick O'Brien 79

Frank and Lillian Gilbreth and the Manufacture and Marketing of Motion Study, 1908-1924
Brian Price 88

Marketing the Women's Journals, 1873-1900
Mary Ellen Waller-Zuckerman 99

Marketing and Financing Home Ownership: Mortgage Lending and Public Policy in the United States, 1918-1989
Marc A. Weiss 109

Product Design and Cost Considerations: Clock, Watch, and Typewriter Manufacturing in the 19th Century
Donald Hoke 119

Developing and Utilizing Technological Leadership: Industrial Research, Vertical Integration, and Business Strategy at the Draper Company 1816-1930
William Mass 129

Invention, Markets, and the Scope of the Firm: The Nineteenth Century U.S. Shoe Machinery Industry
Ross Thomson 140

Time-Management, Writing, and Accounting in the Eighteenth-Century English Trading Family: A Bourgeois Enlightenment
Margaret Hunt 150

Marketing at Burlington Industries, 1923-1962
Annette Cox 160

Managing Marketing in a Commodities Manufacturing Firm: Dominion Textile
Barbara Austin 168

Manufacturing and Marketing: Vertical Integration in the U.S. Tire Manufacturing Industry, 1890-1980s
Michael French 178

The Inward Thrust of Institutional Advertising: General Electric and General Motors in the 1920s
Roland Marchand 188

Professionalization in Pensions and the U.S. Economy:
A Chandlerian Framework for the Post-Chandlerian Age
Steven A. Sass 197

Information Systems for Handling Manufacturing and
Marketing Data in American Firms, 1880-1920
JoAnne Yates 207

Belgian Domestic Steel Cartels and the Re-Rollers, 1933-38
Daniel Barbezat 218

The Manufacturing and Marketing of Steel in Canada:
Dofasco Inc., 1912-1970
Mark W. Bailey and Gordon Boyce 228

New Markets, Outmoded Manufacturing: The Transition
from Manufactured Gas to Natural Gas by Northeastern
Utilities after World War II
Chris Castaneda and Joseph Pratt 238

Conference Crossword 248